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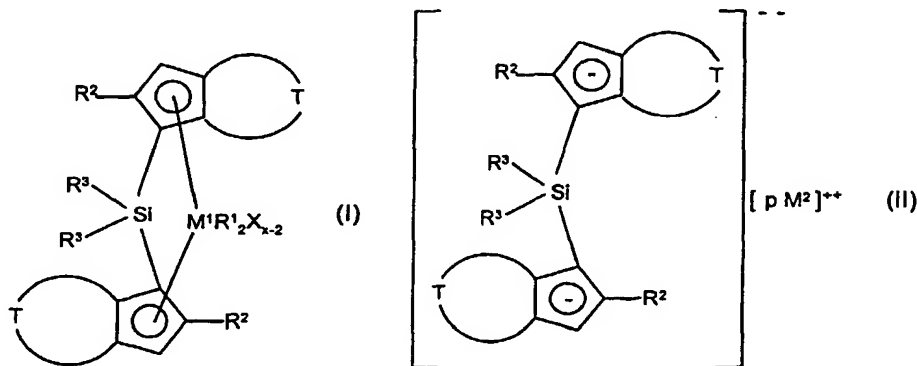
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(54) Title: PREPARATION OF DIALKYL-ANSA-METALLOCENES



(57) **Abstract:** In a process for the racemoselective preparation of silicon-bridged dialkyl-ansa-metallocenes of the formula (I) comprises reaching a ligand starting compound of the formula (II) with a transition metal dialkyl compound of the formula (III) $M^1X_yR^1_{2-y}D$, (III), where M^1 is an element of group 4, 5 or 6 of the periodic Table of the Elements, R^1 are identical C_1 - C_{20} -alkyl or C_7 - C_{40} -arylalkyl radicals, X are identical or different halogens, R^2 are identical or different C_1 - C_{40} radicals, R^3 are identical or different C_1 - C_{40} radicals, T is a divalent C_1 - C_{40} group which together with the cyclopentadienyl ring forms a further saturated or unsaturated ring system which has a ring size of from 5 to 12 atoms, where T may contain the heteroatoms Si, Ge, N, P, O or S in the ring system fused onto the cyclopentadienyl ring, M^2 is Li, Na, K, MgCl, MgBr, MgI, Mg or Ca, D is an uncharged Lewis base ligand, x is equal to the oxidation number of M^1 minus 2, y is from 0 to 2 and p is 1 in the case of doubly positively charged metal ions or 2 in the case of singly positively charged metal ions or metal ion fragments.